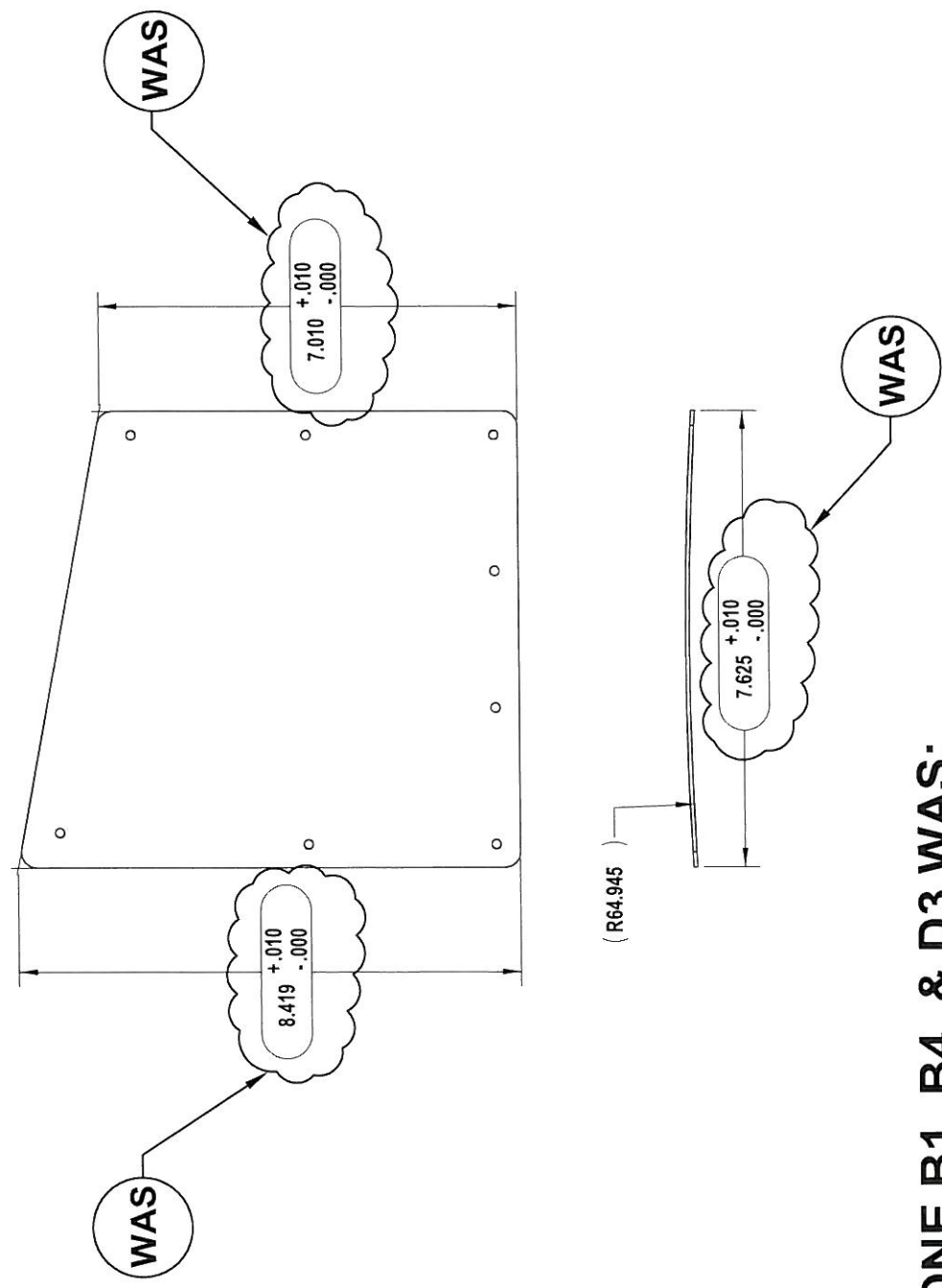
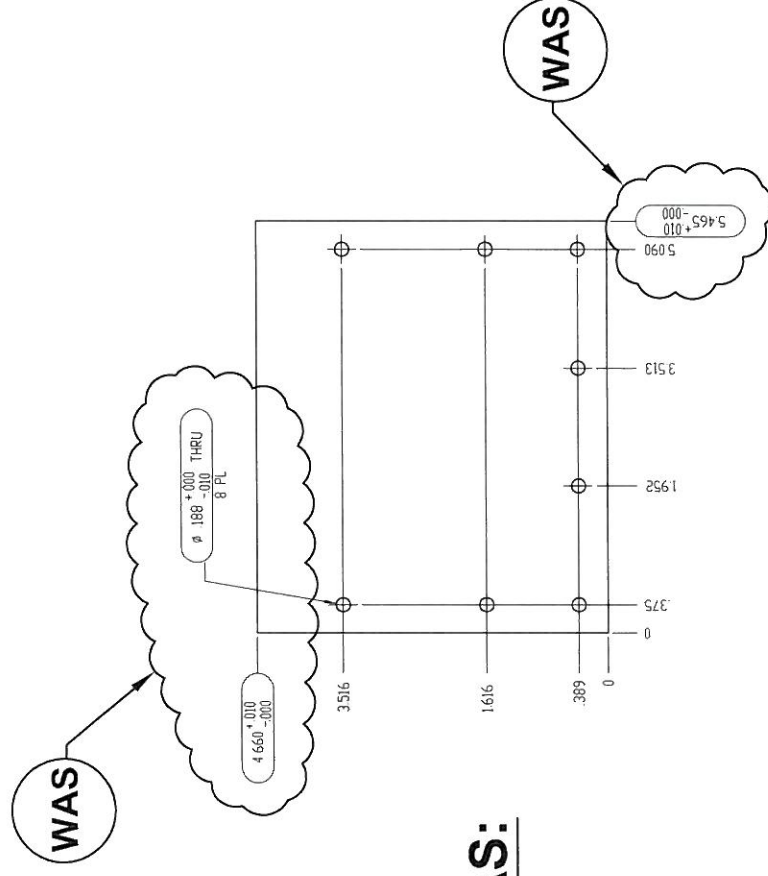


ENGINEERING CHANGE NOTICE NO. 03726		SHEET 1 OF 4	
DWG NO. 647.9000		REV: N/C	DATE: 12/04/12
DWG TITLE: SHEETMETAL		PREPARED BY: B. PETERS	EFFECT ON DWG <input checked="" type="checkbox"/> INC. <input type="checkbox"/> UNINC.
APPROVED BY:	ENGR	MFG	QC
REASON: INCORPORATED ECN 03213, 03266, 03707 AND REVISED TOLERANCES.		EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD R-REVISE D-DELETE		ECR: D-12-013	

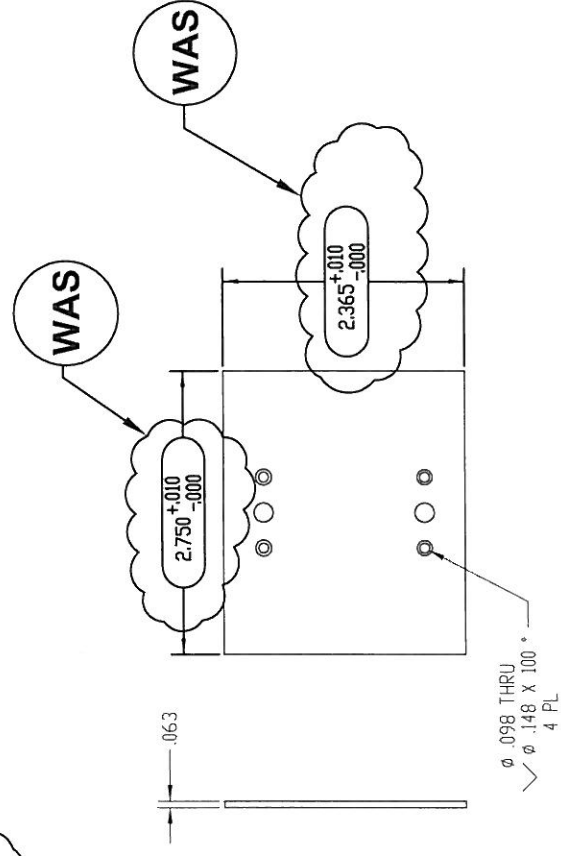


SHEET 2, ZONE B1, B4, & D3 WAS:

DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS	<input type="checkbox"/> MDL	<input type="checkbox"/> INSTALL	<input type="checkbox"/> INSTRUC	<input type="checkbox"/> ICA	<input type="checkbox"/> BOM	CHANGE CATEGORY	<input type="checkbox"/> MAJOR	<input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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SHEET 5, WAS:



SHEET 7, ZONE B5 & C7 WAS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
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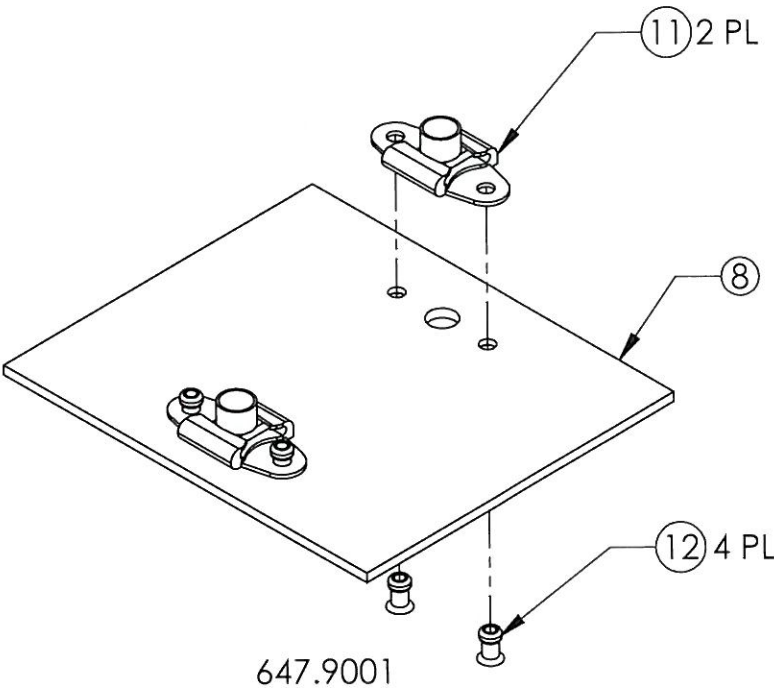
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NO. 03726	SHEET 4 OF 4
<div data-bbox="389 483 1250 1512"> <p>Technical drawing of a mechanical part, likely a bracket or arm, showing dimensions and features. The drawing includes a coordinate system with X and Y axes. Key dimensions and features are labeled:</p> <ul style="list-style-type: none"> Overall width: 4.277 Overall height: 3.536 Radius at top left: R.256 Angle at top left: 39.8° Radius at top right: R.1136 Angle at top right: 146.3° Radius at bottom left: R.382 Angle at bottom left: 80.1° Radius at bottom right: R.382 Angle at bottom right: 93.8° Distance from Y-axis to center of feature A1: .382 Distance from X-axis to center of feature A1: 0 Distance from Y-axis to center of feature B1: 1.450 Distance from Y-axis to center of feature B2: 1.183 Distance from X-axis to center of feature C1: .749 Distance from Y-axis to center of feature C1: 1.217 Distance from X-axis to center of feature D1: 2.276 Distance from Y-axis to center of feature D1: 2.374 Feature A1 is a hole with a crosshair symbol. Feature B1 is a hole with a crosshair symbol. Feature B2 is a hole with a crosshair symbol. Feature C1 is a hole with a crosshair symbol. Feature D1 is a hole with a crosshair symbol. A callout 'WAS' points to the top right corner of the part. </div>		
<div data-bbox="1364 1554 1429 1953"> <p>SHEET 9, WAS:</p> </div>		
F/N TC	PART NUMBER	QTY DESCRIPTION MATERIAL/SPECIFICATION

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR2		
H/C	INITIAL RELEASE	06-30-10	P. BRAVO
A	INCORPORATED ECN 03213, 03266, 03707, & 03726	12-04-12	P. BRAVO

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION 12PT. CENTURY GOTHIC.
5. ALL DIMENSIONS SHOWN PRIOR TO FINISH.
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL; FILE NAME: 647.9016 DOUBLER.SLDPRT-LAST MODIFIED 06-29-10
7. INSPECTION DIMENSIONS SHOWN WITH FINISH APPROX. 3-5 MIL MAX PER FACE.
- 8 MATERIAL: 304SS IAW AMS 5643
- 9 FINISH: PRIME IAW MIL-P-23377J, TYPE I, CLASS N

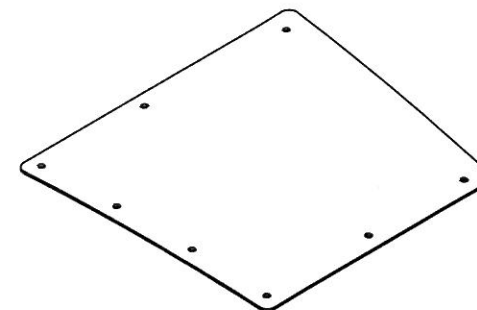


	4	12	601.2277	RIVET	CCR264SS-3-02	
	2	11	601.1900	NUTPLATE	MS21059-3	
		10	647.9019	HINGE		2
		9	647.9018	DOUBLER		2
	1	8	647.9017	DOUBLER		2
		7	647.9016	DOUBLER		2, 6
		6	647.9015	DOUBLER		2
		5	647.9014	STRUT BRACKET		9
		4	647.9013	FWD CLIP		2
		3	647.9012	FWD CLIP		2
		2	647.9011	DOUBLER		2
		1	647.9010	DOUBLER		2
			647.9001	DOUBLER ASSY		2
	.9001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 04-13-10	APICAL INDUSTRIES
647.8900		DRAWN BY R. ROSANO	2608 TEMPLE HEIGHTS DR.
647.9400		CHECKER P. BRAVO	OCEANSIDE, CA. 92056-3512 (760)724-5300
		DRAWING APPROVAL P. BRAVO 06-30-10	SHEETMETAL
		CONTRACT No.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B CAGE CODE 07MZ6 DWG. NO. 647.9000 REV A
			SCALE NONE SHEET 1 OF 9

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



647.9010 SHOWN
647.9011 OPPOSITE

R.250 THRU
4 PL

8.119
7.715
6.802
6.480

DOWN 6.7° R 64.945

7.010^{+.020}
-.010

.400
.250
0
Ø.160
8 PL

0 .250 .385 .580 2.670 3.817 4.955 7.233 7.384 7.633

FLAT PATTERN

.063

8.419^{+.020}
-.010

(R64.945)

7.625^{+.020}
-.010

ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
CAGE CODE 07MZ6		DWG. NO. 647.9000	
SCALE NONE		SHEET 2 OF 9	

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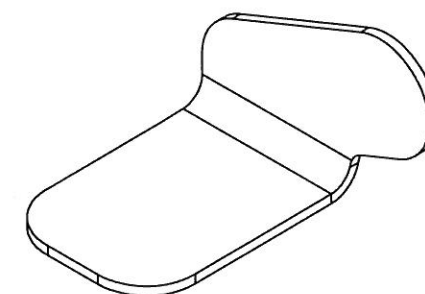
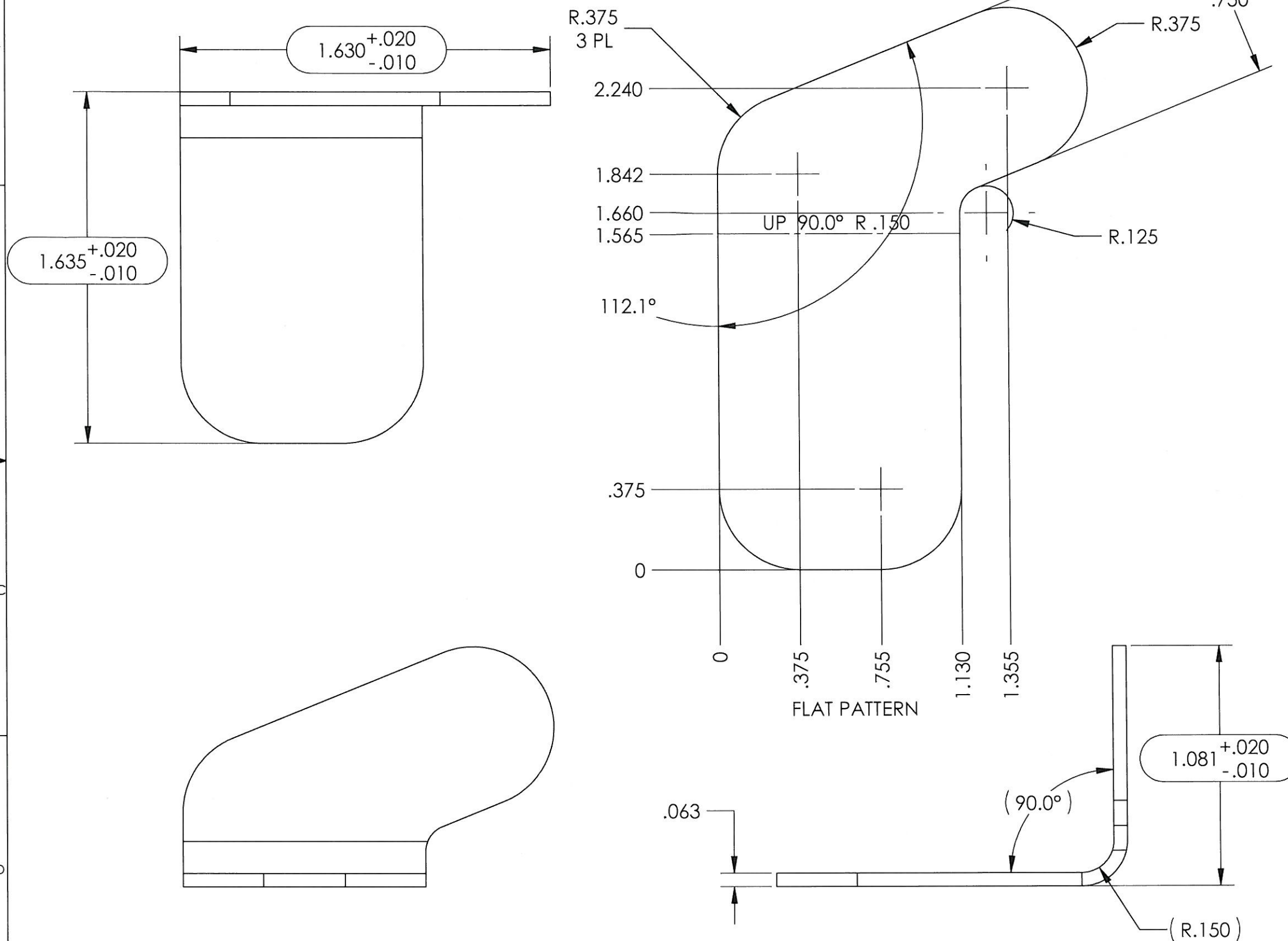
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

A

B

C

D



647.9012 SHOWN
647.9013 OPPOSITE

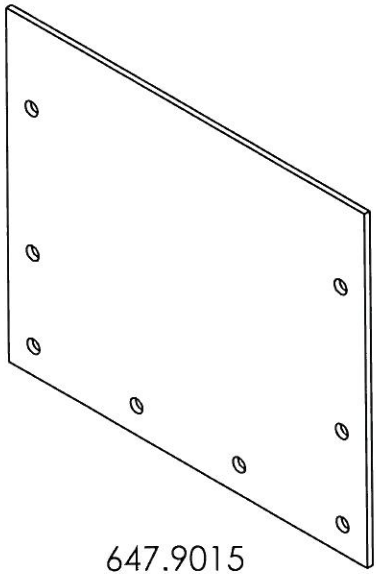
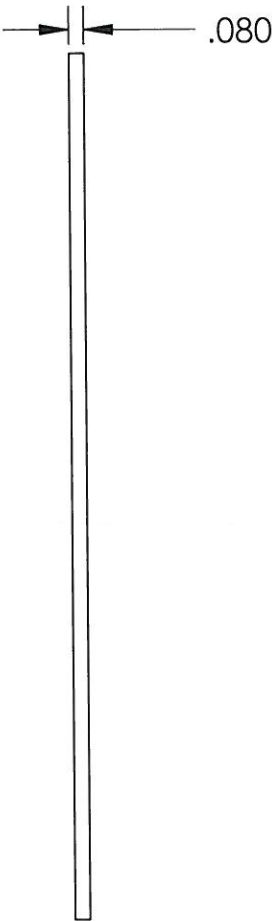
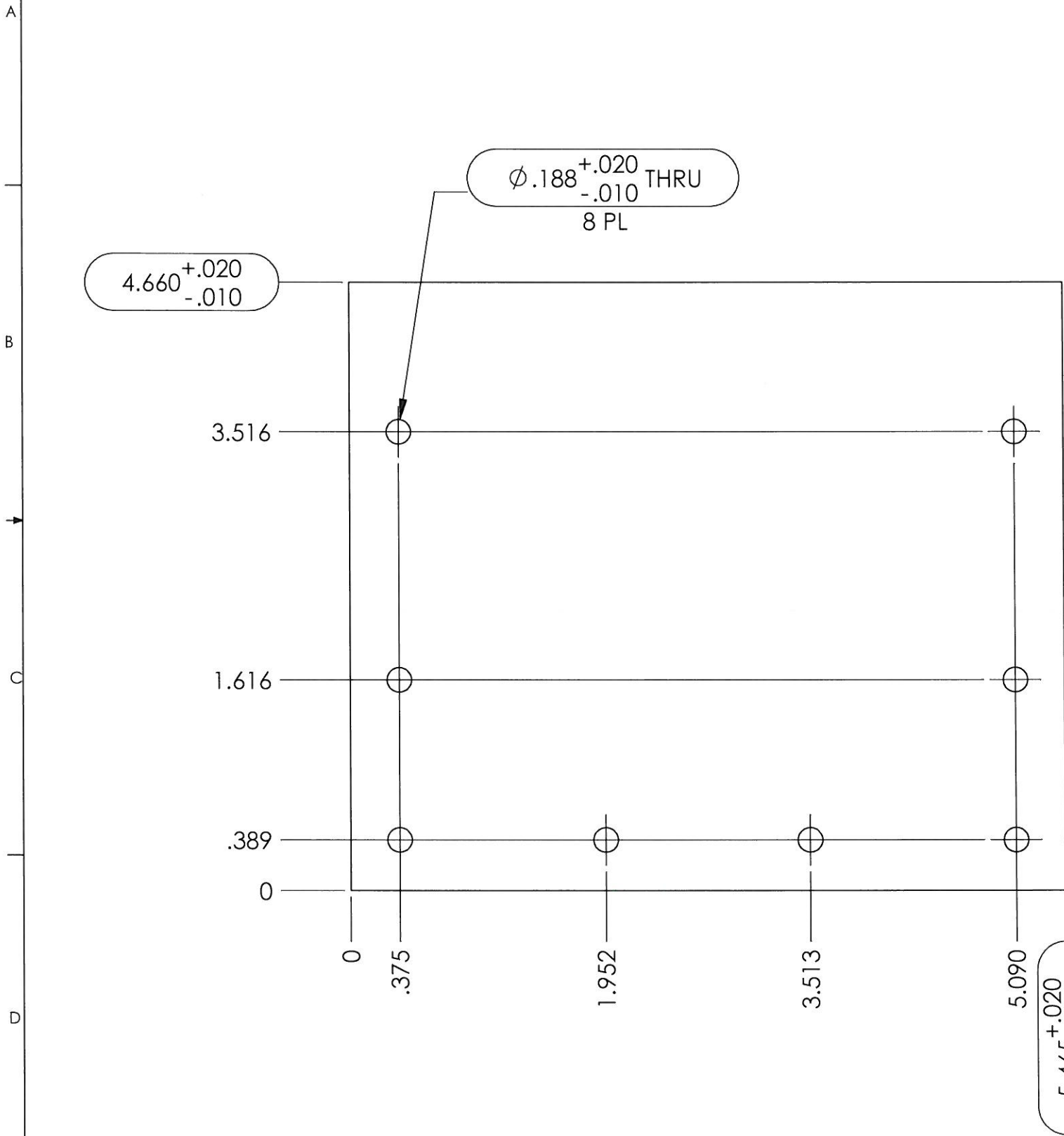
ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. A
		CAGE CODE 07M26	DWG. NO. 647.9000
		SCALE NONE	SHEET 3 OF 9

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



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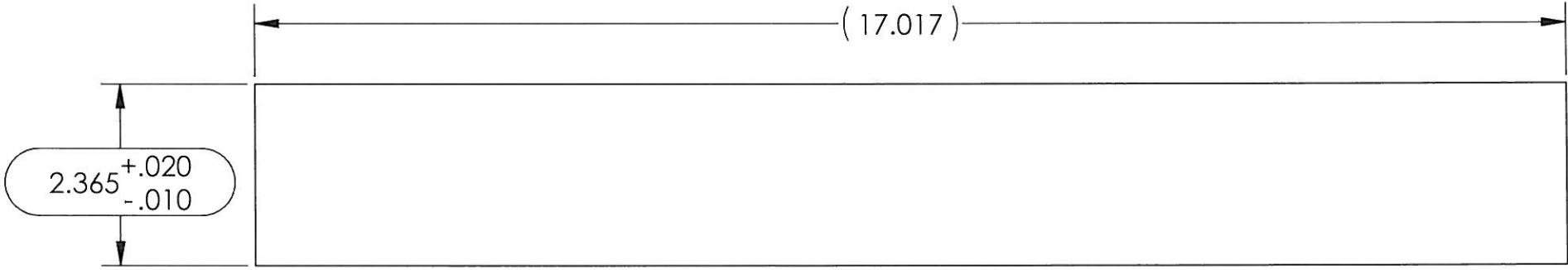
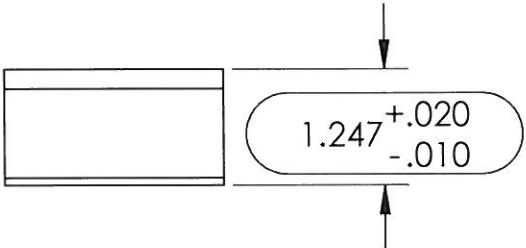
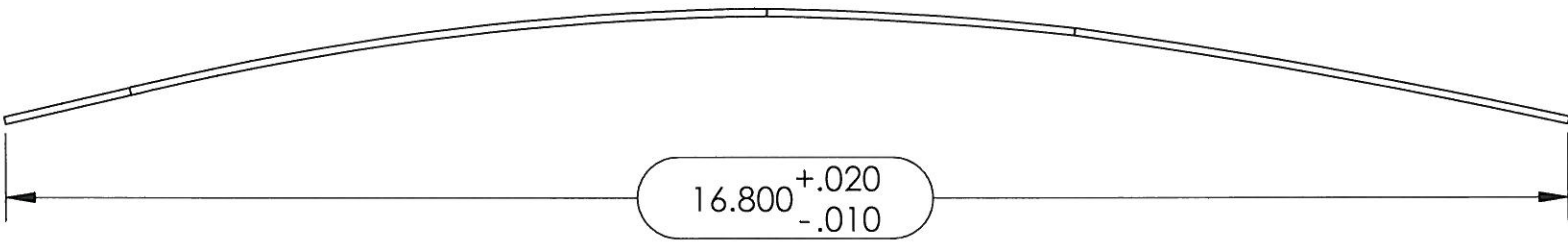
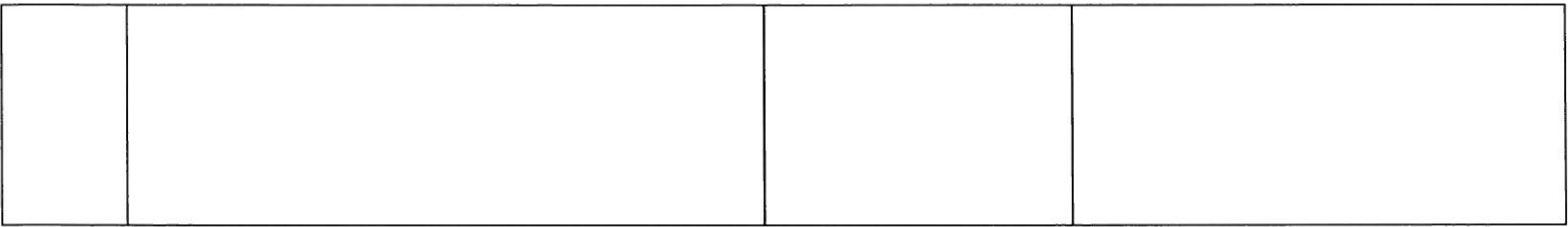
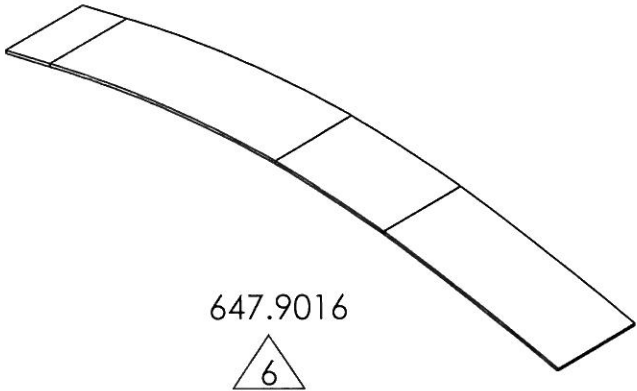
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



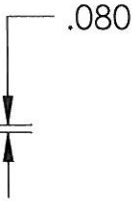
ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV A
		CAGE CODE 07MZ6	DWG. NO. 647.9000
SCALE NONE		SHEET 5 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



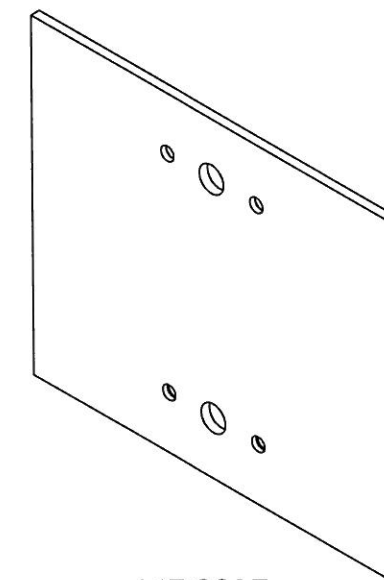
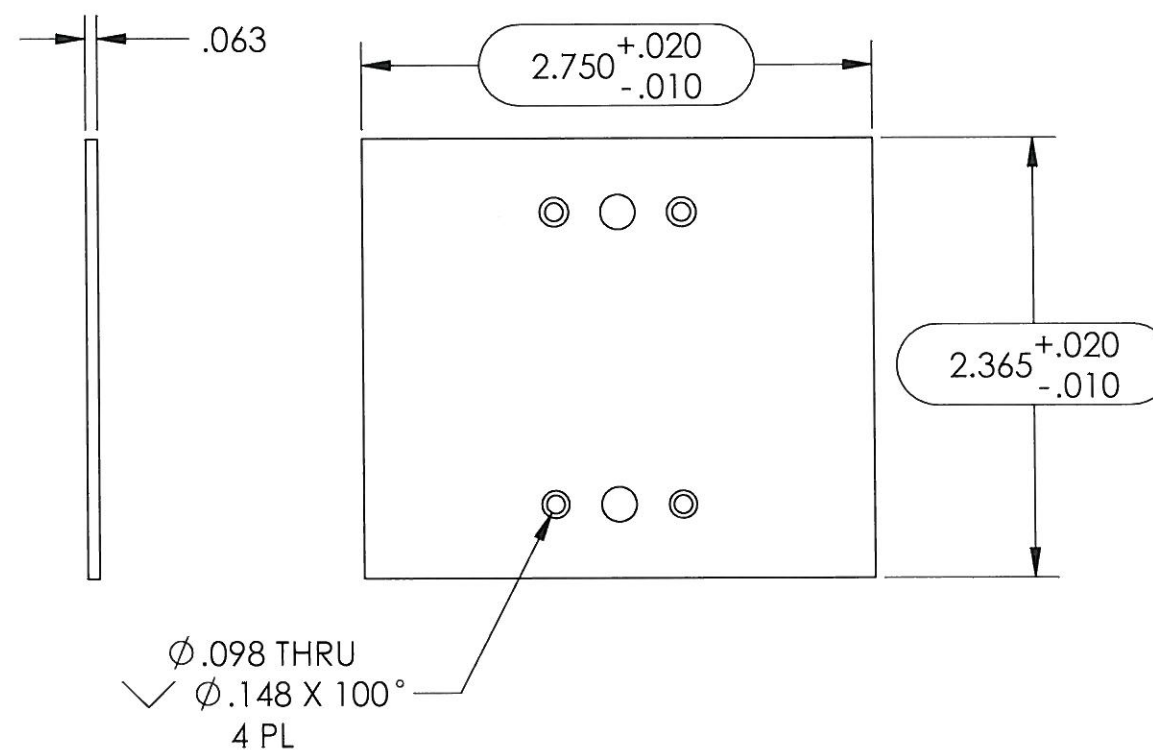
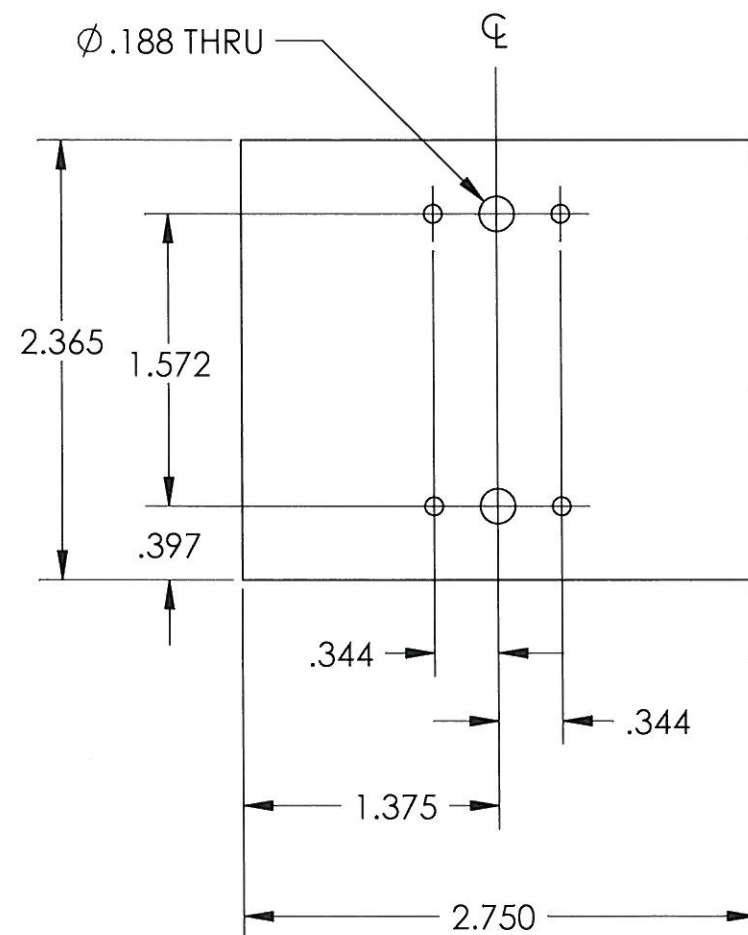
FLAT PATTERN



ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES	
DRAWN BY R. ROSANO		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO 06-30-10		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CONTRACT NO.		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9000
TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SCALE NONE	REV. A	
		SHEET 6 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



647.9017

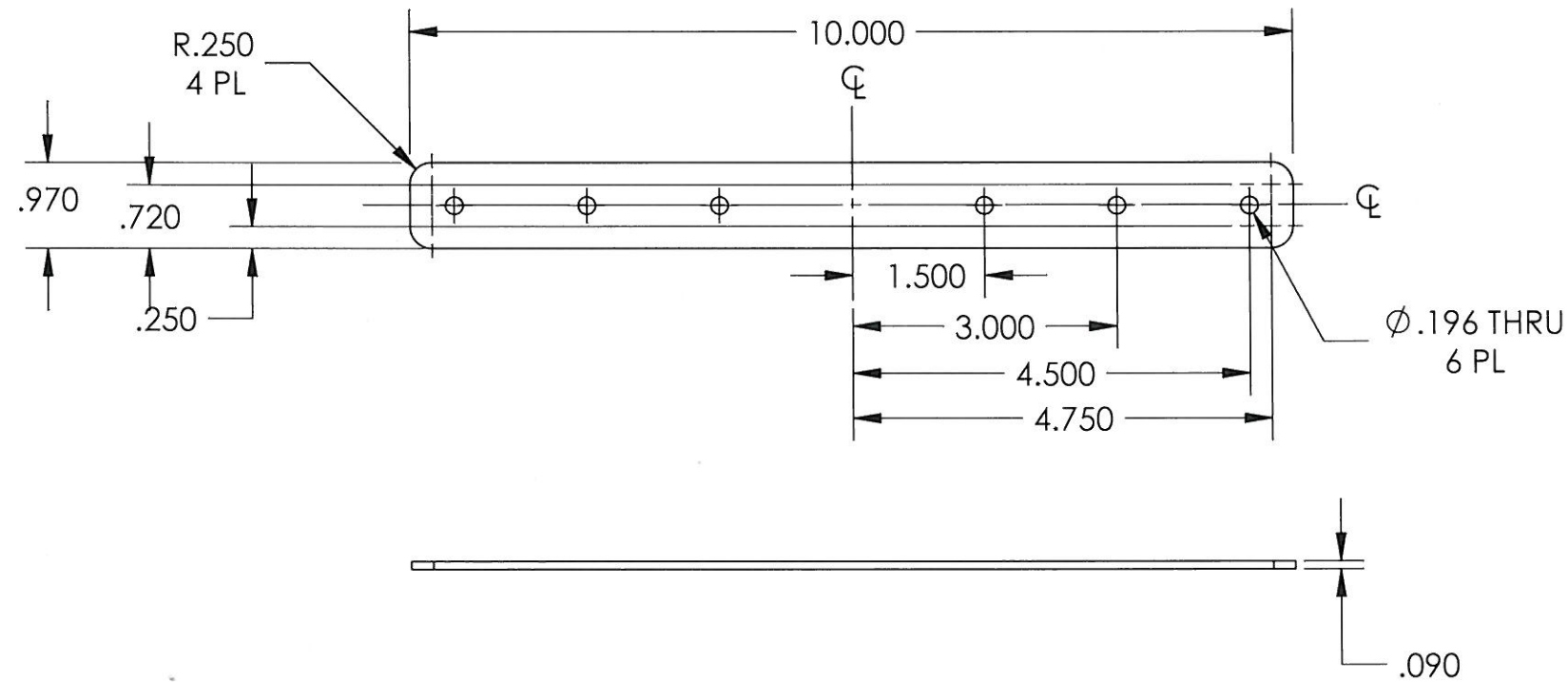
ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 05-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. A
CAGE CODE 07MZ6		DWG. NO. 647.9000	
SCALE NONE		SHEET 7 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

PR2

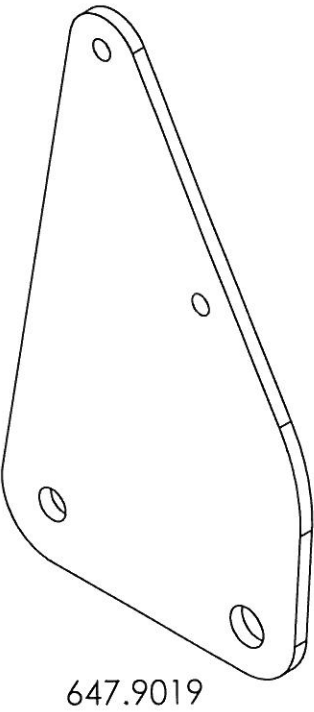
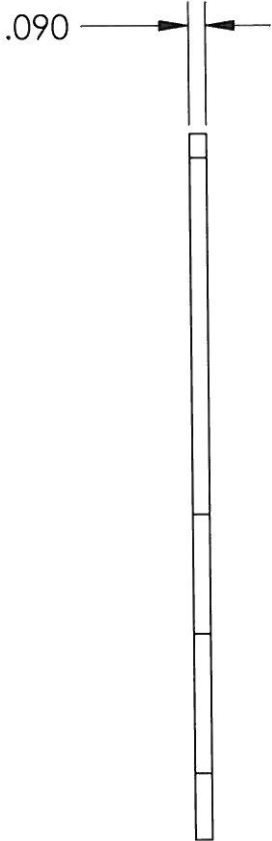
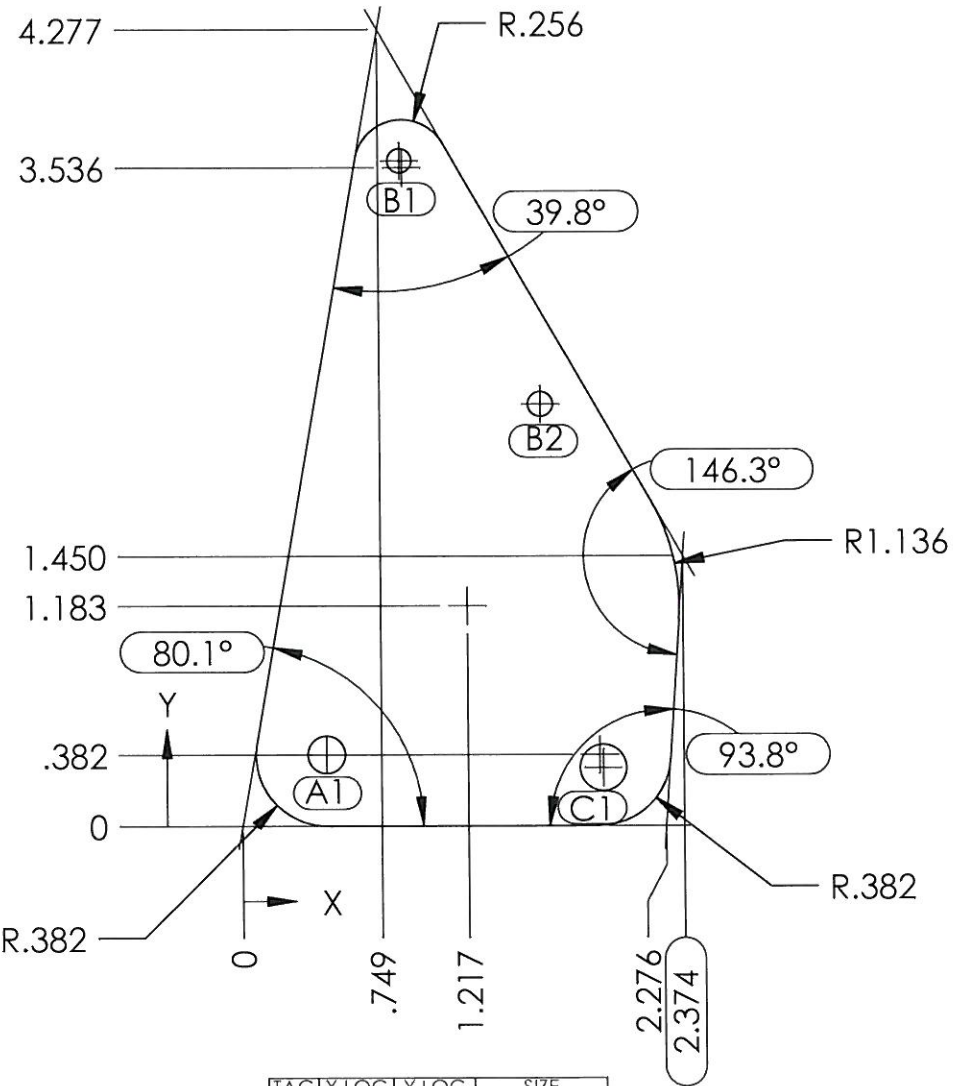
647.9018



ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY P. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. A
CAGE CODE 07MZ6		DWG. NO. 647.9000	
SCALE NONE		SHEET 8 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



TAG	X LOC	Y LOC	SIZE
A1	.455	.382	Ø.201 THRU
B1	.867	3.573	Ø.130 THRU
B2	1.614	2.266	Ø.130 THRU
C1	1.939	.312	Ø.250 THRU

ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES	
DRAWN BY R. ROSANO		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		SHEETMETAL	
DRAWING APPROVAL P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
CONTRACT NO.		SIZE B CAGE CODE 07M26 DWG. NO. 647.9000	REV. A
		SCALE NONE	SHEET 9 OF 9